MEMORANDUM

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TO: Herbert A. Tessler, Supervisor, Funct. Coord.

FROM: Irv Soffer

DATE: December 2, 1964

SUBJECT: THE WORLD TRADE CENTER - TOWER FIREPROOFING

REFERENCE:

COPY TO: Messrs. L. Freld, M. Levy, C. Panero

On Monday, November 23, 1964, I attended a meeting at Emery Roth & Sons with Joe Solomon and Ed Kister. Mr. Kister represents the Allegheny Ludlum Steel Corp., manufacturer of stainless steel, who are preparing a stainless steel exterior wall design for the World Trade Center. They are interested in promoting a package for the whole exterior treatment including curtain wall, fireproofing and windows from dam and Westlake.

Allegheny is having development done by Battelle Memorial Institute also with the Zoholite Co., manufacturer of precast concrete products. They are proposing a relatively thin precast, high density concrete jacket for the exterior column fireproofing.

They will have an Underwriter Laboratory Test performed on a simulated WTC column, then a full scale model will be built and additional tests made on it. The column fire test will be done by January, 1965. We expressed our interest in any new developments which might have WTC application.

Mr. Kister will confer with his group to determine a budget price for their package. He feels that they can be competitive.

On November 19, 1964 I met with Mr. Gerald Caplon of the Zoholite Co., manufacturers of Mono-Kote fireproofing. We inspected some of the installations in the Connecticut area including Hartford, Connecticut.

One application was for the large roof trusses at the Data Processing Center for the Travelers Insurance Company. 'Mono-Kote' is a cementitious mixture that is considerably better than the mineral fiber spray-on (which is very difficult to install). Although the mineral fiber is less expensive it is probable that a better price can be negotiated for 'Mono-Kote'. We inspected a 'Mono-Kote' application on steel floor beams, and a mineral fiber application on floor beams. Although they both provide the fire rating required, it was obvious that the 'Mono-Kote' was a better application. Photos were taken and are being circulated.

Another material being considered for truss fireproofing is 'Vonco'. This is a sprayed-on cementitious gypsum material, that is less than 1" thick, and hard finished. The U.S. Gypsum Co. is testing a similar material for truss fire-proofing. They are presently having WTC floor trusses built for tests in the next few weeks.

Irv Soffer
The World Trade Center

PA LAW DEPARTMENT
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